

ABSTRACT:

The aim of the invention is to provide a plastifying screw provided with a thread change, for an extruder or a forcing machine, whereby the volume of the transporting cross-section
5 does not change and thus a pressure increase in the region of the thread is avoided. To this end, in the region wherein a first and a second screw thread of the plastifying screw overlap, the thread width outside the overlapping region is equal to d and the thread width inside the overlapping region is equal to $\frac{1}{2} d$.